## Oklahoma

## **Oklahoma Corporation Commission (OCC)**

Re: 7520 Reports for the Fourth Quarter of FY2014

4th Quarter Period: (October 1, 2013 --- September 30, 2014)

Date: (Wednesday) November 19, 2014

Time: 12:25pm

Reference File Code: WA-UI-PP

Please type or print all information. Please read instructions. OMB No. 2040-0042 Form Expires 11/30/2014 United States Environmental Protection Agency I. Name and Address of Reporting Agency Office of Ground Water and Drinking Water Washington, DC 20460 United States Environmental Protection Agency **UIC Federal Reporting System** Oklahoma Corporation Commission **SEPA** Part I: Permit Review and Issuance/ PO Box 52000 Wells in Area of Review Oklahoma City, OK 73152-2000 (This information is solicited under the authority of the Safe Drinking Water Act) II. Date Prepared (month, day, year) III. State Contact (name, telephone no.) IV. Reporting Period (month, year) From 10/06/2014 Charles Lord (405) 522-2751 09/30/2014 October 1, 20 13 Class and Type of Injection Wells SWD ER ltem 111 ٧ IV V. Permit Number of Permit Applications Received 324 377 Application Number of individual New 111 45 Wells Permits Issued Existing (One Well) 118 204 Wells Permit Number of area Permits\* Issued New Well Field (Multiple Wells) Permit Existing (\*See instructions on back) Determin-Well Field Issued ation New Number of Wells in Area Permits Wells C (See B above) Existing Wells Number of Permits Denied/Withdrawn Permit D 90 63 (after complete technical review) Not Issued Modification Number of Major Permit E Issued Modifications Approved VII. Wells 352 388 Number of Rule-Authorized Permit Reviewed File Class II Wells Reviewed Wells 25 Review 21 Deficient Abandoned 1632 1858 Wells Number of Wells Wells Reviewed in Area of Review Other 3989 5660 Wells Wells Abandoned Number of Wells Identified 685 204 Wells **Identified** В VIII. for Corrective Action Other for C/A 15 Area 11 Wells of 1. Number of Wells in AOR with Review 5 5 (AOR) Casing Repaired/Recemented C/A 2. Number of Active Wells in AOR Wells 16 14 Plugged/Abandoned with С 3. Number of Abandoned Wells 17 15 CIA in AOR Replugged 4. Number of Wells in AOR with 14 12 "Other" Corrective Action IX. Remarks/Ad Hoc Report (Attach additional sheets if necessary) Certification

certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any movingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

and Typed or Printed Name and Title of Person Completing Form

Charles Lord, UIC Prgm Manager

10/20/2014

Telephone No. (405) 522-2751

EPA Form 7520-1 (Rev. 12-11)

Previous edition is obsolete.

Reference File Code: WA-UI-PP **⊗EPA** 

United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460

## **UIC Federal Reporting System** Part II: Compliance Evaluation

(This information is solicited under the

I. Name and Address of Reporting Agency

United States Environmental Protection Agency

Oklahoma Corporation Commission PO Box 52000

Oklahoma City, OK 73152-2000

| II. Date Prepared (month, day, year) III. State Contact (name, telephone no.) |   |              |                                  |   |             | IV. Reporting Period (month, year) |             |           |              |              |      |  |  |  |  |  |  |
|---|---|--------------|----------------------------------|---|-------------|------------------------------------|-------------|-----------|--------------|--------------|------|--|--|--|--|--|--|
| 10/06/2014  |   |              | Charles                          | Lord (405) 522-2751   | From        | ber 1, 2                           | 4           |           |              |              |      |  |  |  |  |  |  |
|   |   |              |                                  |   |             |                                    |             | I Type of | Injection We | elis         |      |  |  |  |  |  |  |
| ltem .  |   |              |                                  |   |             |                                    | 11          |           |              | T            |      |  |  |  |  |  |  |
|   |   |              |                                  |   | į.          | SWD<br>2D                          | ER<br>2R    | HC<br>2H  | III          | IV           | v    |  |  |  |  |  |  |
|   | Total A Number of Wells with Violations |              |                                  | lls with Violations   |             | 899                                | 1,229       |           |              |              |      |  |  |  |  |  |  |
| ٧.  |   |              | 1. Number of I                   | Unauthorized<br>liolations  |             | 9                                  | 4           |           |              |              |      |  |  |  |  |  |  |
| Summary   |   |              | 2. Number of                     | Mechanical Integrity Violations   |             | 887                                | 1,224       |           |              |              |      |  |  |  |  |  |  |
| of  | Total                                   | B            | 3. Number of 6                   | Operation and ce Violations   |             |                                    |             |           |              |              |      |  |  |  |  |  |  |
| Violations  | Violations                              |              | 4. Number of and Abando          | Plugging<br>onment Violations   |             |                                    |             |           |              |              |      |  |  |  |  |  |  |
|   |   |              | Reporting \                      | 5. Number of Monitoring and Reporting Violations  |             |                                    |             |           |              |              |      |  |  |  |  |  |  |
|   |   |              | 6. Number of (<br>(Specify) Pr   | 6. Number of Other Violations (Specify) Pressure  |             |                                    | 1           |           |              |              |      |  |  |  |  |  |  |
|   | Total<br>Wells                          | Α            | Number of Well<br>Enforcement Ac |   |             | 899                                | 1,229       |           |              |              |      |  |  |  |  |  |  |
|   |   |              | 1. Number of                     | Notices of Violation  |             | 899                                | 1,229       |           |              |              |      |  |  |  |  |  |  |
| VI.   |   |              | 2. Number of (                   | Consent Agreements  |             |                                    |             |           |              |              |      |  |  |  |  |  |  |
| Summary   |   |              | 3. Number of /                   | Administrative Orders   |             |                                    |             |           |              |              |      |  |  |  |  |  |  |
| of  | Total<br>Enforcement                    | В            | 4. Number of (                   |   |             |                                    |             |           |              |              |      |  |  |  |  |  |  |
| Enforcement   | Actions                                 |              | 5. Number of                     | 5. Number of Criminal Referrals   |             |                                    |             |           |              |              |      |  |  |  |  |  |  |
|   |   |              | 6. Number of \                   | Well Shut-ins   |             | 59                                 | 82          |           |              |              |      |  |  |  |  |  |  |
|   |   |              | 7. Number of f                   | Pipeline Severances   |             | 72                                 | 90          |           |              |              |      |  |  |  |  |  |  |
|   |   | $\bigsqcup'$ | 8. Number of C<br>(Specify)      | Other Enforcement Actions   |             |                                    |             |           |              |              |      |  |  |  |  |  |  |
| VII.<br>Summary   | Number of We                            |              |                                  | A. This Quarter   |             |                                    |             | 4         |              |              |      |  |  |  |  |  |  |
| of<br>Compliance  | Returned to Co                          | omp          | llance                           | B. This Year  |             | 806                                | 1,153       |           |              |              |      |  |  |  |  |  |  |
| VIII.<br>Contamination  | Number of Cas                           | ses          | of Alleged Conta                 | mination of a USDW  |             |                                    | ,           |           |              |              |      |  |  |  |  |  |  |
| IX.<br>M <u>I</u> T Resolved  |   |              | lations Resolved                 | •   |             | 90                                 | 94          |           |              |              |      |  |  |  |  |  |  |
| X. Remarks/Ad   | Hoc Report                              | Ittac        | ch additional/shee               | ets)  |             |                                    |             |           |              |              |      |  |  |  |  |  |  |
| certify knowing   | that the statem                         | ients        | I have made on inquistatement m  | Certification<br>this form and all attachments the<br>ay be punishable by fine or impri | roto are tr | rue, accurat                       | te, and cor | nplete. I | acknowled    | lge that any |      |  |  |  |  |  |  |
|   |   | _            |                                  | Person Completing Form  |             | 01 5001 41.0                       | er approa   | Date      | -            | Telephone    | e No |  |  |  |  |  |  |

EPA Form 7520-2A (12-11)/ Replaces EPA Form 7520-2 which is obsolete

Charles Lord, UIC Prgm Manager

Reference File Code: WA-UI-PP

Telephone No.

(405) 522-2751

Date

10/20/2014

**€EPA** 

United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460

**UIC Federal Reporting System** Part II: Compliance Evaluation Significant Noncompliance

I. Name and Address of Reporting Agency

United States Environmental Protection Agency

Oklahoma Corporation Commission PO Box 52000

Oklahoma City, OK 73152-2000

| (This information is solicited under the<br>authority of the Safe Drinking Water Act) |  |                                  |                     |   |              |   |                          |  |  |  |              |  |  |  |  |  |  |  |
|---|--|----------------------------------|---------------------|---|--------------|---|--------------------------|--|--|--|--------------|--|--|--|--|--|--|--|
| II. Date Prepared (month, day, year) III. State Contact (name, telephone no.)         |  |                                  |                     |   |              | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                          |  |  |  |              |  |  |  |  |  |  |  |
| 10/06/2014  |  | Charles                          | Lord (405) 522-2751 | Prom To 09/30/2014  Class and Type of Injection Wells                                   |              |   |                          |  |  |  |              |  |  |  |  |  |  |  |
|   |  |                                  |                     |   |              |   | Class and                | d Type of Ir   | jection We   | ells   |              |  |  |  |  |  |  |  |
|   |  |                                  |                     |   |              |   | 11                       |  |  |  |              |  |  |  |  |  |  |  |
|   |  |                                  | Item ·              |   | ı            | SWD<br>2D                               | ER<br>2R                 | HC<br>2H   | 111  | IV   | v            |  |  |  |  |  |  |  |
|   | Total<br>Wells                                     | A                                | Number of Wel       | ls with SNC Violations  |              | 20                                      | 40                       | 411  |  |  |              |  |  |  |  |  |  |  |
| V.  |  |                                  |                     | Unauthorized<br>NC Violations   |              | 9                                       | 4                        |  |  |  | MACO GEORGIA |  |  |  |  |  |  |  |
| Summary   |  |                                  |                     | Mechanical Integrity  |              | 9                                       | 4                        |  |  |  |              |  |  |  |  |  |  |  |
| Of<br>Significant   |  | Total B                          |                     | Injection Pressure  |              | 3                                       | 1                        |  |  |  |              |  |  |  |  |  |  |  |
| Significant<br>Non-   | Total<br>Violations                                | В                                | 4. Number of I      |   |              |   |                          |  |  |  |              |  |  |  |  |  |  |  |
| Compliance  |  | ns                               |                     | SNC Violations  |              |   | 7000.400                 |  |  |  |              |  |  |  |  |  |  |  |
| (SNC)   | (SNC)  |                                  |                     | Falsification<br>ons  |              |   |                          |  | No. of the last of |  |              |  |  |  |  |  |  |  |
|   |  |                                  |                     | Other SNC Violations  |              |   |                          |  |  |  |              |  |  |  |  |  |  |  |
|   | Total<br>Wells                                     | A                                | Number of Well      | is with   |              | 13                                      | 8                        | 1  |  |  |              |  |  |  |  |  |  |  |
| VI.   |  |                                  |                     | Notices of Violation  |              | 13                                      | 8                        | The state of the s |  | /v 10/10/07/10/10/20/20/20/20/20/20/20/20/20/20/20/20/20 |              |  |  |  |  |  |  |  |
| Summary   |  |                                  | 2. Number of C      | Consent Agreements/Orders   |              |   |                          | A Description of the last  |  |  |              |  |  |  |  |  |  |  |
| of  |  |                                  | 3. Number of A      |   |              |   |                          |  |  |  |              |  |  |  |  |  |  |  |
|   | Total<br>Enforcement                               | В                                | 4. Number of C      | Civil Referrals   |              |   |                          |  |  |  |              |  |  |  |  |  |  |  |
| Enforcement   | Actions  | -                                | 5. Number of (      | Criminal Referrals  |              |   | No country and woman and |  |  |  |              |  |  |  |  |  |  |  |
| Against   |  |                                  | 6. Number of V      | Nell Shut-ins   |              |   | NATIONAL PARTIES         |  |  |  |              |  |  |  |  |  |  |  |
| SNC   |  |                                  |                     | Pipeline Severances   | -            | 13                                      | 8                        |  |  |  |              |  |  |  |  |  |  |  |
|   |  |                                  |                     | Other Enforcement Actions  C Violations (Specify)                                       | ,            |   |                          |  |  |  |              |  |  |  |  |  |  |  |
| VII.<br>Summary   | 1  | Against SNC sher of Wells in SNC |                     | A. This Quarter   |              |   |                          |  |  |  |              |  |  |  |  |  |  |  |
| of<br>Compliance  | Returned to C                                      |                                  |                     | B. This Year  |              | 8                                       | 2                        |  |  |  |              |  |  |  |  |  |  |  |
| VIII.<br>Contamination  | Number of Cases of Alleged Contamination of a USDW |                                  |                     |   |              |   |                          |  |  |  |              |  |  |  |  |  |  |  |
| IX.<br>Well   | Class IV/Enda                                      |                                  | ring Class V        | 7   | involunta    | ary Well C                              |                          |  |  |  |              |  |  |  |  |  |  |  |
| Closure   | Well Closures                                      | 1                                | $\Omega II$         |   | Voluntary    | y Well Clo                              | sure                     |  |  |  | The state of |  |  |  |  |  |  |  |
| certify<br>knowing  | that the statem                                    | ents<br>lead                     | I have made on t    | Certification<br>this form and all attachments the<br>by be punishable by fine or impri | reto are tri | ue, accura                              | te, and co               | mplete. I  | acknowled  | ge that any  |              |  |  |  |  |  |  |  |

Signature and Typed or Printed Name and Title of Person Completing For m

Charles Lord, UIC Prgm Manager

10/20/2014

Date

Telephone No. (405) 522-2751

EPA Form 7520-2B (12-11)

Replaces EPA Form 7520-2 which is obsolete.

Reference File Code: WA-UI-PP

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|             | M |

10/06/2014

United States Environmental Protection Agency Office of Ground Water and Drinking Water Washington, DC 20460

**UIC Federal Reporting System** Part III: Inspections echanical Integrity Testing

(This information is solicited under the authority of the Safe Drinking Water Act) I. Name and Address of Reporting Agency

United States Environmental Protection Agency

Oklahoma Corporation Commission PO Box 52000

Oklahoma City, OK 73152-2000

II. Date Prepared (month, day, year) III. State Contact (name, telephone no.)

Charles Lord (405-) 522-2751

IV. Reporting Period (month, year)

October 1, 20 13

09/30/2014

|                    |   |                                   |  |                |       | _         | ection Wel | ls       |     |              |     |
|--------------------|---|-----------------------------------|--|----------------|-------|-----------|------------|----------|-----|--------------|-----|
|                    |   |                                   |  |                |       |           | - 11       |          |     |              |     |
|                    |   | Total A Number of Wells Inspected |  |                |       | SWD<br>2D | ER<br>2R   | HC<br>2H | III | IV           | \ v |
|                    | Total<br>Wells  | Α                                 | Number of Wells Inspected  |                |       | 4,417     | 6,101      |          |     |              |     |
| v.                 |   |                                   | Number of Mechanical Integrity     (MIT) Witnessed               | Tests          |       | 1,443     | 1,993      |          |     |              |     |
| Summary            | ummary  2. Number of Emergency Response or Complaint Response Inspections |                                   |  |                |       |           |            |          |     |              |     |
| of                 | Total Inspections   | В                                 | 3. Number of Well<br>Constructions Witnessed                     |                |       |           |            |          |     |              |     |
| Inspections        |   |                                   | 4. Number of Well Pluggings Witnessed                            |                |       |           |            |          |     |              |     |
|                    |   |                                   | 5. Number of Routine/Periodic Inspections                        |                | 2,974 | 4,108     |            |          |     |              |     |
|                    | Total   | Α                                 | Number of Wells Tested or Evaluate for Mechanical Integrity (MI) | ed             |       | 1,568     | 2,166      |          |     | Ţ, , , , , , |     |
|                    | Wells   | В                                 |  | ed 2-part test |       |           |            |          |     |              |     |
|                    |   | -                                 | Tested/Evaluated for MI Faile                                    | ed 2-part test |       |           |            |          | _   |              |     |
| VI.                |   |                                   | Number of Annulus Pressure     Monitoring Record Evaluations     | Well Passed    |       |           |            |          |     |              |     |
|                    | For<br>Significant  |                                   | Monitoring Record Evaluations                                    | Well Failed    |       |           |            |          |     |              |     |
| Summary            |   |                                   | 2. No. of Casing/  | Well Passed    |       | 1,441     | 1,991      |          |     |              |     |
|                    |   | С                                 | Z. Tubing Pressure Tests   | Well Falled    |       | 47        | 66         |          |     |              |     |
| of                 | Leak  |                                   | 3. Number of Monitoring  | Well Passed    |       | 11        | 14         |          |     |              |     |
|                    |   |                                   | Record Evaluations   | Well Failed    |       |           |            |          |     |              |     |
| Mechanical         |   |                                   | 4. No. of Other Significant Leak                                 | Well Passed    |       |           |            |          |     |              |     |
|                    |   | _                                 | Tests/Evaluations (Specify)                                      | Well Failed    |       |           |            |          |     |              |     |
| Integrity          |   |                                   | 1. Number of Cement  | Well Passed    |       |           |            |          |     |              |     |
|                    |   |                                   | Record Evaluations   | Well Failed    |       |           |            |          |     |              |     |
| (MI)               | For   |                                   | 2. Number of Temperature/  | Well Passed    |       |           | -          |          |     |              |     |
|                    | Fluid   | D                                 | Noise Log Tests  | Well Failed    |       |           | ļ          |          |     |              |     |
|                    | Migration   |                                   | 3. No. of Radioactive Tracer/                                    | Well Passed    |       | 65        | 90         |          |     |              |     |
|                    |   | - 1                               | Cement Bond Tests  | Well Failed    |       | 4         | 5          |          |     |              |     |
|                    |   |                                   | 4. No. of Other Fluid Migration                                  | Well Passed    |       | -         |            |          |     |              |     |
|                    |   | -                                 | Tests/Evaluations (Specify)                                      | Well Failed    |       |           |            |          |     |              |     |
|                    | Total<br>Wells  | A                                 | Number of Wells with<br>Remedial Action                          | -              |       | 51        | 71         |          |     |              |     |
| VII.<br>Summary    | <b>.</b>  |                                   | Number of Casing Repaired/     Squeeze Cement Remedial Acti      | ons            |       |           |            |          |     |              | 4   |
| of<br>Demodial     | Total<br>Remedial   | В                                 | Number of Tubing/Packer     Remedial Actions                     |                |       |           |            | ·        |     |              |     |
| Remedial<br>Action | Actions   |                                   | 3. Number of Plugging/Abandonn<br>Remedial Actions               |                |       |           |            |          |     |              |     |
| III. Remarks/      | 4. Number of Other Remedial Actions (Specify)                             |                                   |  |                |       |           |            |          |     |              |     |

VIII. Remarks Ad Hoc Report (Attach additional sheets)

Certification

by that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any ingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature and Typed or Printed Name and Title of Person Completing Form

Charles Lord, UIC Prgm Manager

10/20/2014

Telephone No. (405) 522-2751

EPA Form 7520-3 (Rev. 12-1/)

Previous edition is obsolete.

Reference File Code: WA-UI-PP

| Code: | Refe  |
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| UI-PP | File  |

| <b>⊕EPA</b>          | off<br>UK<br>Part IV   | ice of Ground Water a<br>Washington, D<br>C Federal Repo<br>/: Quarterly E | and Drinking Water DC 20460 Orting System |                        |                           |                    |                          |              |                |                 |   | OMB No. 2040-0042 Approval expires 11/30/2014  I. Reporting Period  From To 09/30/2014 |                   |                      |                |                   |              |  |                 |                        |  |  |  |
|----------------------|--|--|---|------------------------|---------------------------|--------------------|--------------------------|--------------|----------------|-----------------|---|--|-------------------|----------------------|----------------|-------------------|--------------|--|-----------------|------------------------|--|--|--|
| II.                  | III.   | IV.  | V. S                                      | umm                    | ary o                     | y of Violations    |                          |              |                |                 | VI.   | Sum  | mary              | of En                | force          | ment              |              |  |                 | VII.                   |  |  |  |
| Well                 | Name and Address   | Well   | Date of                                   | _                      | T :                       | k ('X')            | _                        | T            | _              | -               | - Date of   | _  | T                 | ark ('X              | Date           |                   |              |  |                 |                        |  |  |  |
| Class<br>and<br>Type | of Owner/Operator  | ID No.<br>(Permit<br>No.)  | Violation                                 | Unauthorized Injection | Well Mechanical Integrity | Injection Pressure | Plugging and Abandonment | Formal Order | Falsification  | Other (Specify) | Enforcement   | Notice of Violation  | Consent Agreement | Administrative Order | Civil Referral | Criminal Referral | Well Shut-in | Pipeline Severance   | Other (Specify) | Compliance<br>Achieved |  |  |  |
|                      |  |  |   | ă                      | grity                     |                    | onment                   |              |                |                 |   |  |                   |                      |                |                   |              |  |                 |                        |  |  |  |
| None                 | Antana Antan     |  |   | П                      | Ш                         |                    |                          |              |                |                 |   |  |                   |                      |                |                   |              |  |                 |                        |  |  |  |
|                      |  |  |   |                        |                           |                    |                          |              |                |                 |   |  |                   |                      |                |                   |              |  |                 |                        |  |  |  |
|                      |  |  |   |                        |                           |                    |                          |              |                |                 |   |  |                   |                      |                |                   |              |  |                 |                        |  |  |  |
|                      |  |  |   |                        |                           |                    |                          |              |                |                 | Trable to The Falls planted and the bases                               |  |                   |                      |                |                   |              |  |                 |                        |  |  |  |
|                      |  |  |   |                        |                           |                    |                          |              |                |                 |   |  |                   |                      |                |                   |              | ***************************************  |                 |                        |  |  |  |
|                      | 17 - 17 - 17 - 17 - 17 - 17 - 17 - 17 -  |  |   |                        |                           |                    | -                        |              |                |                 | 7 A. Sec. 2 Ann A. Sec. 2 Ann A. S. |  |                   |                      |                |                   |              | Total Control  |                 |                        |  |  |  |
|                      |  |  |   |                        |                           |                    | 1                        |              | -              |                 |   |  |                   |                      |                |                   |              | The same of the sa |                 |                        |  |  |  |
|                      |  |  |   |                        |                           |                    |                          |              | Total Strategy |                 |   |  |                   |                      |                |                   |              |  |                 |                        |  |  |  |
|                      |  |  |   |                        |                           |                    |                          |              |                |                 |   |  |                   |                      |                |                   |              |  |                 |                        |  |  |  |
| certify that         | the statements I have made on this for   | orm and all attachmen<br>er applicable law.                                | its thereto are                           | true,                  |                           | rtifica<br>ate, a  |                          | omple        | te.            | l ackr          | nowledge that any k   | nowir  | ngly fa           | alse o               | r mis          | leadir            | ıg sta       | temer  | nt may          | y be                   |  |  |  |
| Valle                | Typed or Printed Name and Title Charles Lord, Mgr. UIC  Previous edition is obsolete.  Telephone No. [405] 522-27. |  |   |                        |                           |                    |                          |              |                |                 |   |  |                   |                      |                |                   |              |  |                 |                        |  |  |  |